

Supplemental material

Table S1. Final data set with 117 cases (594 samples) with at least one positive culture with *P. acnes* after exclusion of different samples and cases.

Data set	Cases (Nr)	Total samples (Nr)	Positive samples (Nr)	Negative samples (Nr)
Positive <i>P. acnes</i> sample in an orthopedic center	-	563	563	0
Total Nr of samples incl. negative samples within a case	256	1316	563	753
Cases/samples after exclusion of	180	684	380	304
<ul style="list-style-type: none"> - samples from synovial fluid or with inadequate cultivation time if sample stays negative 				

Data set	Cases (Nr)	Total samples (Nr)	Positive samples (Nr)	Negative samples (Nr)
<ul style="list-style-type: none"> cases taking antibiotics, polymicrobial infections, or not associated with bone and joint 				
Cases/samples after exclusion of cases with ≤ 2 samples	117	594	309	285
Cases with proven infection	70	379	262	117
Cases with no infection	47	215	47	168